

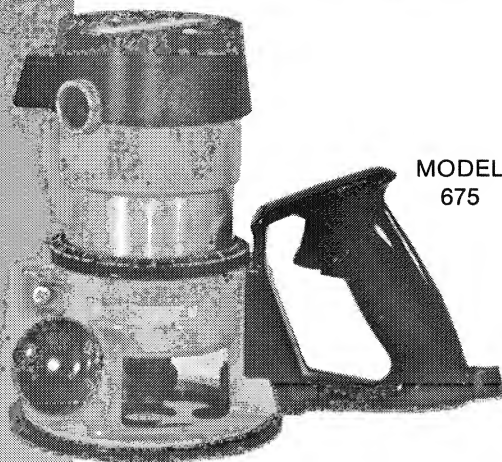
Instruction manual

Routers

MODELS
630
690



MODEL
675



IMPORTANT

Please make certain that the person who is to use this equipment carefully reads and understands these instructions before starting operations.

The Model and Serial No. plate is located on the main housing of the tool. Record these numbers in the spaces below and retain for future reference.

Model No. _____

Type _____

Serial No. _____

Part No. 692420-384

PORTER-CABLE
PROFESSIONAL POWER TOOLS

SAFETY INSTRUCTIONS

GROUNDING INSTRUCTIONS

This tool should be grounded while in use to protect the operator from electric shock. The tool is equipped with an approved three-conductor cord and three-prong grounding type plug to fit the proper grounding type receptacle. The green (or green and yellow) conductor in the cord is the grounding wire. Never connect the green (or green and yellow) wire to a live terminal.

If your unit is for use on less than 150 Volts, the power cord is equipped with a plug that has two flat, parallel current-carrying prongs and one longer, round or "U"-shaped, ground prong which requires a mating 3-conductor grounded type receptacle, as shown in Fig. 1.

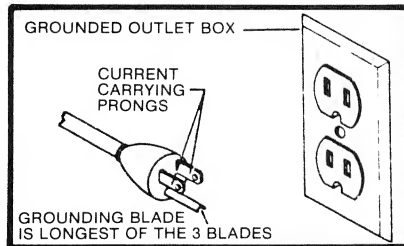


Fig. 1

An adapter, shown in Fig. 2, is available for connecting 3-prong grounding type plugs that are used on units less than 150 Volts to 2-prong receptacles. **THIS ADAPTER IS NOT ALLOWED IN CANADA.** The green colored rigid ear, lug, etc., must be connected to a permanent ground such as a properly grounded outlet box, as shown in Fig. 2.

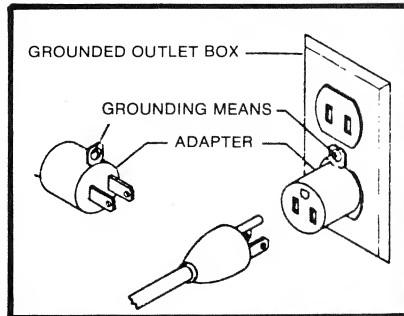


Fig. 2

If your unit is for use on 150 to 250 Volts, the power cord is equipped with a plug that has two flat current-carrying prongs in tandem, and one round or "U"-shaped, longer ground prong, as shown in Fig. 3. This plug is used only with the proper mating 3-conductor grounding type receptacle, as shown in Fig. 3. No adapter is available for this type plug.

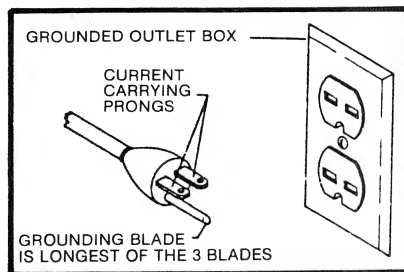


Fig. 3

IN ALL CASES, MAKE SURE THE RECEPTACLE IN QUESTION IS PROPERLY GROUNDED.

NEVER REMOVE GROUNDING BLADE FROM POWER PLUG

EXTENSION CORDS

Use only three-wire extension cords which have three prong grounding-type plugs and three-pole receptacle which accept the tool's plug. Replace or repair damaged or worn cord immediately.

IMPORTANT SAFETY INSTRUCTIONS

WARNING: When using electric tools, basic safety precautions should always be followed to reduce the risk of fire, electric shock and personal injury, including the following:

READ AND FOLLOW ALL INSTRUCTIONS.

There are certain applications for which this tool was designed. Porter-Cable strongly recommends that this tool NOT be modified and/or used for any application other than for which it was designed. If you have any questions relative to its application DO NOT use the tool until you have written Porter-Cable and we have advised you.

Manager of Product Engineering
Porter-Cable Corporation
Youngs Crossing at Highway 45
P.O. Box 2468
Jackson, Tn 38301

- 1. KEEP WORK AREA CLEAN.** Cluttered areas and benches invite injuries.
- 2. AVOID DANGEROUS ENVIRONMENT.** Don't expose power tools to rain. Don't use power tools in damp or wet locations. Keep area well lit. Avoid chemical or corrosive environment. Do not use tool in presence of flammable liquids or gases.
- 3. GUARD AGAINST ELECTRIC SHOCK.** Prevent body contact with grounded surfaces. For example: pipes, radiators, ranges, refrigerator enclosures.
- 4. KEEP CHILDREN AWAY.** Do not let visitors contact tool or extension cord. All visitors should be kept away from work area.
- 5. STORE IDLE TOOLS.** When not in use, tools should be stored in dry and high or locked-up place — out of the reach of children.
- 6. DON'T FORCE TOOL.** It will do the job better and safer at the rate for which it was intended.
- 7. USE RIGHT TOOL.** Don't force small tool or attachment to do the job of a heavy duty tool. Don't use tool for purpose not intended—for example—do not use a circular saw for cutting tree limbs or logs.
- 8. DRESS PROPERLY.** Do not wear loose clothing or jewelry. Loose clothing, draw strings and jewelry can be caught in moving parts. Rubber gloves and non-skid footwear are recommended when working. Wear protective hair covering to contain long hair.
- 9. USE SAFETY GLASSES.** Wear safety glasses or goggles while operating power tools. Also face or dust mask if operation creates dust. All persons in the area where power tools are being operated should also wear safety glasses and face or dust mask.
- 10. DON'T ABUSE CORD.** Never carry tool by cord or yank it to disconnect from receptacle. Keep cord from heat, oil, and sharp edges. Have damaged or worn power cord and strain reliever replaced immediately.

11. **SECURE WORK.** Use clamps or a vise to hold work. It's safer than using your hand and it frees both hands to operate tool.
12. **DON'T OVERREACH.** Keep proper footing and balance at all times.
13. **MAINTAIN TOOLS WITH CARE.** Keep tools sharp and clean for better and safer performance. Follow instructions for lubricating and changing accessories. Inspect tool cords periodically and if damaged, have repaired by authorized service facility. Inspect extension cords periodically and replace if damaged. Have all worn, broken or lost parts replaced immediately. Keep handles dry, clean and free from oil and grease.
14. **DISCONNECT TOOLS.** When not in use, before servicing, and when changing accessories such as blades, bits, cutters, etc.
15. **REMOVE ADJUSTING KEYS AND WRENCHES.** Form habit of checking to see that keys and adjusting wrenches are removed from the tool before turning it on.
16. **AVOID UNINTENTIONAL STARTING.** Don't carry plugged-in tool with finger on switch. Be sure switch is off when plugging in.
17. **OUTDOOR USE EXTENSION CORDS.** When tool is used outdoors, use only extension cords marked "Suitable for use with outdoor appliances - store indoors when not in use."
18. **STAY ALERT.** Watch what you are doing. Use common sense. Do not operate tool when you are tired or while under the influence of medication, alcohol or drugs.
19. **CHECK DAMAGED PARTS.** Before further use of the tool, a guard or other part that is damaged should be carefully checked to determine that it will operate properly and perform its intended function. Check for alignment of moving parts, binding of moving parts, breakage of parts, mounting, and any other conditions that may affect its operation. A guard or other part that is damaged should be properly repaired or replaced by an authorized service center unless otherwise indicated elsewhere in this instruction manual. Have defective switches replaced by authorized service center. Do not use tool if switch does not turn it on and off.

SAVE THESE INSTRUCTIONS

ADDITIONAL SAFETY RULES FOR ROUTERS

1. **NEVER** adjust depth of cut while motor is running. A slip at this time may cause personal injury, or damage to cutter or work piece.
2. **BE SURE** cord is free and will not "hang up" during routing operations.
3. **KEEP** hands clear of cutter when motor is running to prevent personal injury.
4. **MAINTAIN** firm grip on router when starting motor to resist starting torque.

5. **STAY ALERT** and keep cutter clear of all foreign objects while motor is running.

6. **BE SURE** motor has completely stopped before setting machine down between operations.

MOTOR

Most Porter-Cable tools will operate on either D.C., or single phase 25 to 60 cycle A.C. current and voltage within plus or minus 5 percent of that shown on the specification plate on the tool. Several models, however, are designed for A.C. current only. Refer to the specification plate on your tool for proper voltage and current rating.

CAUTION: Do not operate your tool on a current on which the voltage is not within correct limits. Do not operate tools rated A.C. only on D.C. current. To do so may seriously damage the tool.

EXTENSION CORD SELECTION

If an extension cord is used, make sure the conductor size is large enough to prevent excessive voltage drop which will cause loss of power and possible motor damage. A table of recommended extension cord sizes will be found below. This table is based on limiting line voltage drop to 5 volts (10 volts for 230 volts) at 150% of rated amperes.

If an extension cord is to be used outdoors it must be marked with the suffix W-A following the cord type designation. For example — SJTW-A to indicate it is acceptable for outdoor use.

RECOMMENDED EXTENSION CORD SIZES FOR USE WITH PORTABLE ELECTRIC TOOLS

| Length of Cord in Feet | | | | | | | | | | |
|-------------------------|-------|--------|---------|---------|---------|---------|---------|---------|---------|----------|
| 115V | | 25 Ft. | 50 Ft. | 100 Ft. | 150 Ft. | 200 Ft. | 250 Ft. | 300 Ft. | 400 Ft. | 500 Ft. |
| 230V | | 50 Ft. | 100 Ft. | 200 Ft. | 300 Ft. | 400 Ft. | 500 Ft. | 600 Ft. | 800 Ft. | 1000 Ft. |
| Nameplate Ampere Rating | 0-2 | 18 | 18 | 18 | 16 | 16 | 14 | 14 | 12 | 12 |
| | 2-3 | 18 | 18 | 16 | 14 | 14 | 12 | 12 | 10 | 10 |
| | 3-4 | 18 | 18 | 16 | 14 | 12 | 12 | 10 | 10 | 8 |
| | 4-5 | 18 | 18 | 14 | 12 | 12 | 10 | 10 | 8 | 8 |
| | 5-6 | 18 | 16 | 14 | 12 | 10 | 10 | 8 | 8 | 6 |
| | 6-8 | 18 | 16 | 12 | 10 | 10 | 8 | 6 | 6 | 6 |
| | 8-10 | 18 | 14 | 12 | 10 | 8 | 8 | 6 | 6 | 4 |
| | 10-12 | 16 | 14 | 10 | 8 | 8 | 6 | 6 | 4 | 4 |
| | 12-14 | 16 | 12 | 10 | 8 | 6 | 6 | 6 | 4 | 2 |
| | 14-16 | 16 | 12 | 10 | 8 | 6 | 6 | 4 | 4 | 2 |
| | 16-18 | 14 | 12 | 8 | 8 | 6 | 4 | 4 | 2 | 2 |
| | 18-20 | 14 | 12 | 8 | 6 | 6 | 4 | 4 | 2 | 2 |

OPERATING INSTRUCTIONS

FOREWORD

These Porter-Cable routers are designed for continuous, rugged operation to handle the most demanding production applications.

PREPARING THE ROUTER FOR USE

IMPORTANT: While preparing the router for use, while making adjustments and when router is not in use, always disconnect it from the power circuit.

SELECTING THE BIT

These Routers accommodate bits with $\frac{1}{4}$ " or $\frac{1}{2}$ " shanks that are installed directly into the power unit collet. Adapters and Collets are available that will allow the use of bits having smaller diameter shanks. A list of available Bits and Accessories will be found in the back of this manual.

INSTALLING AND REMOVING THE BIT

1. DISCONNECT machine from power source.
2. Remove Motor Unit from Base Unit as follows:
 - a) Loosen Clamp Screw (A) Fig. 2.
 - b) While holding base, turn motor unit COUNTERCLOCKWISE until lower Pin (B) in motor housing is disengaged from groove in base.
 - c) Lift Motor Unit free from Base Unit.

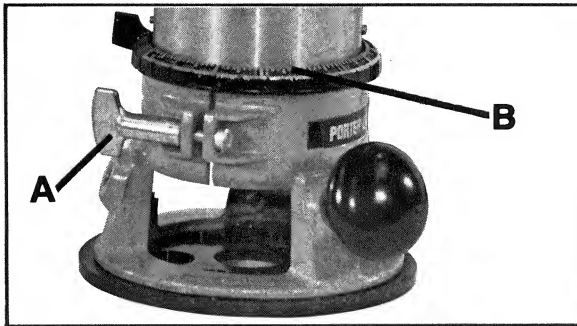


Fig. 2

3. Clean and insert shank of bit into collet until shank bottoms. Then back it out approximately $\frac{1}{16}$ ".

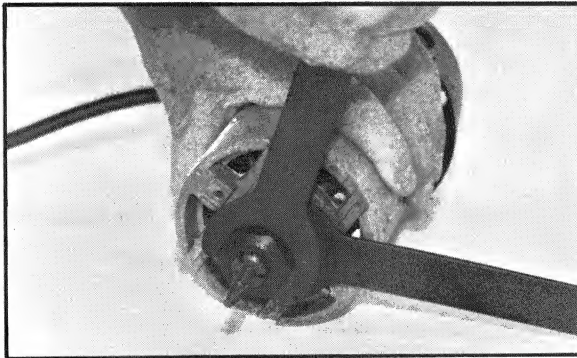


Fig. 3

4. Lay Motor Unit on its side on bench with the collet pointing AWAY from you.
 5. Place one wrench on flats on Chuck with the opposite end of the wrench resting on the bench to your left, Fig. 3.
 6. Place other wrench on Collet and tighten COUNTERCLOCKWISE as shown in Fig. 3. TIGHTEN FIRMLY.
 7. To remove the bit, reverse the foregoing procedure.
- AVOID POSSIBLE DAMAGE TO COLLET. NEVER TIGHTEN COLLET WITHOUT BIT.

ASSEMBLING THE MOTOR IN THE ROUTER BASE EQUIPPED WITH TWO KNOBS

1. DISCONNECT motor from power source.
2. Loosen the Clamp Screw (A) Fig. 4 to allow the Power Unit to be set in the Base Unit.
3. Insert Motor Unit into base aligning lower pin (B) with groove in base.
4. Rotate Motor Unit CLOCKWISE into base until upper guide pins are rigidly set in the groove of the base.
5. Tighten Clamp Screw firmly.

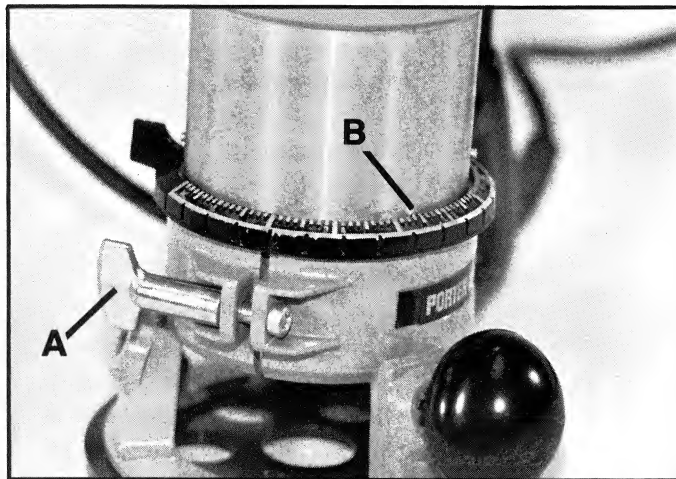


Fig. 4

ASSEMBLING THE MOTOR IN THE ROUTER BASE EQUIPPED WITH SWITCH-IN-HANDLE

1. DISCONNECT Power Cords.
2. Loosen Clamp Screw (A) Fig. 5 to allow the Power Unit to be set in the base.

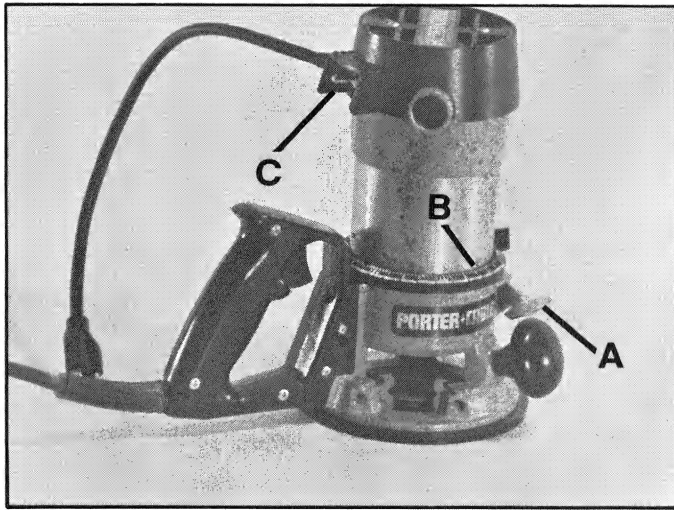


Fig. 5

3. With the Motor switch (C) positioned as shown in Fig. 5, insert the Motor Unit into the base aligning lower pin (B) with groove in base.
4. Rotate the Motor Unit CLOCKWISE into the base until the motor switch (C) is opposite the handle, Fig. 6.
5. Connect the Motor Unit cord to the outlet in handle as shown in Fig. 6.
6. Continue rotating the Motor Unit into the base until upper guide pins set rigidly into the base.
7. Tighten Clamp Screw firmly.



Fig. 6

ADJUSTING DEPTH OF CUT

1. DISCONNECT tool from power source.
2. Loosen Clamp Screw (A) Fig. 7.
3. While holding Base (E), turn Motor Unit (F) Fig. 7 COUNTERCLOCKWISE until the tip of the bit is above bottom surface of Base.
4. Set router on flat wood surface.
5. Turn Motor Unit (F) Fig. 7 CLOCKWISE until bit touches the wood surface.
6. Tighten Clamp Screw (A) Fig. 7.
7. Rotate Depth Adjusting Ring (B) Fig. 7 until the Zero-line (C) is opposite the Index Line (D) on the housing.
8. Loosen Clamp Screw (A) Fig. 7.
9. Tip the router so bit is clear of the wood surface. Turn Motor Unit (F) Fig. 7 CLOCKWISE until the Index Line (D) on the motor housing reaches the desired depth indicated on the ring.
10. Tighten Clamp Screw (A) Fig. 7 firmly.

NOTE: Setting the index line to $\frac{1}{4}$ " on the ring means the cutting edge of the bit is exposed $\frac{1}{4}$ " below the base.

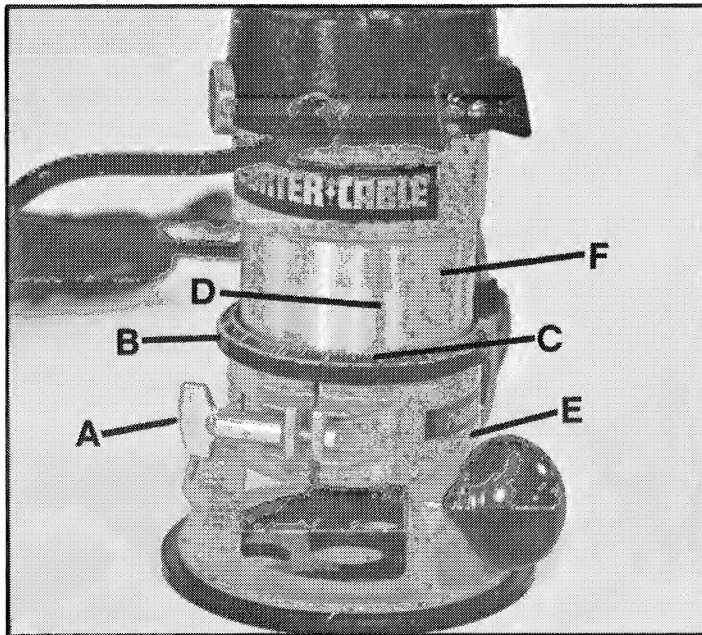


Fig. 7

CONNECTING TO POWER SOURCE

Before connecting router to power source ALWAYS MAKE SURE SWITCH IS IN THE "OFF" POSITION. Also check that the power circuit is the same as that shown on specification plate of the router.

Before starting the router make sure bit is clear of work piece and foreign objects. Also keep firm grip on router to resist starting torque.

STARTING AND STOPPING THE MOTOR

The Motor Units for these routers can be used with either the base having two guide knobs or the base with the switch-in-handle.

When using the base with two guide knobs, as shown in Fig. 9, the motor is started and stopped by setting the toggle switch (A) in the ON or OFF position.

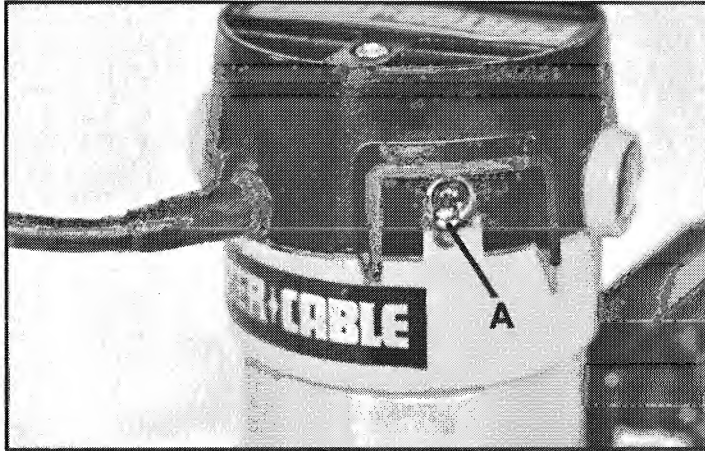


Fig. 9

When using the base with the switch-in-handle as shown in Fig. 10, be sure the Motor Unit power cord (A) is plugged into the handle as in Fig. 10, and the switch (B) on the motor is set to the ON position. The starting and stopping of the motor is then controlled by depressing and releasing the trigger switch (C) in the handle of base.

On applications when it is desirable to keep the motor running without continually holding in the trigger switch (C) Fig. 10, simply depress the trigger (C) into the handle and press in the switch locking button on the side of the handle. While holding the button in, slowly release the trigger. To stop the motor, squeeze trigger into handle and release to disengage locking button.

To avoid personal injury or damage to finished work always allow the motor to come to a COMPLETE STOP before setting it down.

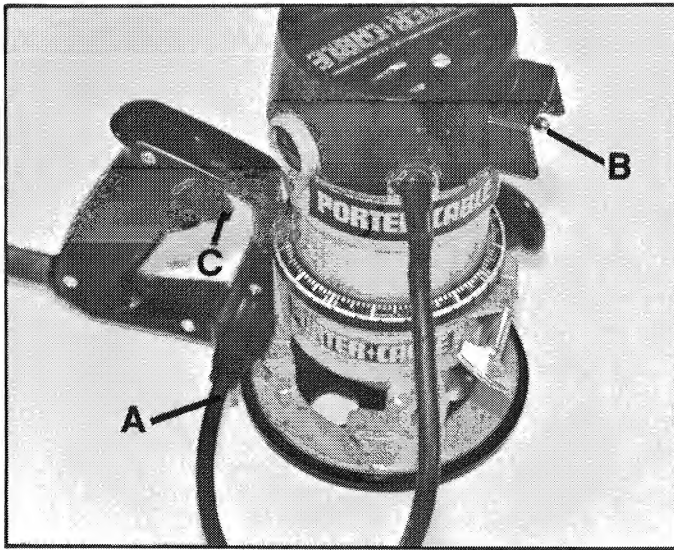


Fig. 10

USING THE ROUTER

IMPORTANT: Before using your router, consider the kind and total amount of material to be removed. Depending on the material, it may be necessary to make more than one cut to avoid overloading the motor. Before beginning the cut on the actual workpiece, it is advisable to make a sample cut on a piece of scrap lumber. This will show exactly how the cut will look as well as enable you to check dimensions. Always be sure the work is rigidly clamped or otherwise secured before making a cut. Generally speaking, when working on a bench, the workpiece should be held on the bench by wood clamps. When routing edges, the router should be held firmly down and against the work by both guiding knobs.

Since the cutter rotates clockwise (when viewing router from top), more efficient cutting will be obtained if the router is moved from left to right as you stand facing the work. When working on the inside of a templet, move router in clockwise direction.

When working on the outside of a templet, move the router in a counter clockwise direction.

The speed and depth of cut will depend largely on the type of material being worked upon. Keep the cutting pressure constant but do not crowd the router so the motor speed slows excessively. It may be necessary on exceptionally hard woods or problem materials to make more than one pass at various settings to get the desired depth of cut.

When making cuts on all four edges of the work piece, it is advisable to have the first cut on the end of the piece across the grain. Thus, if chipping of wood occurs at the end of a cut, it will be removed when making the next cut parallel with the grain.

THE EDGE GUIDE

An Edge Guide is available as an accessory to aid in routing operations such as: straight edge planing, parallel grooving, dado or slotting operations.

To assemble, insert Guide Rods (A) in holes in base, Fig. 11 and secure with screws (B). The Guide (C) is adjusted on the rods and secured in desired position with Thumb Screws (D).

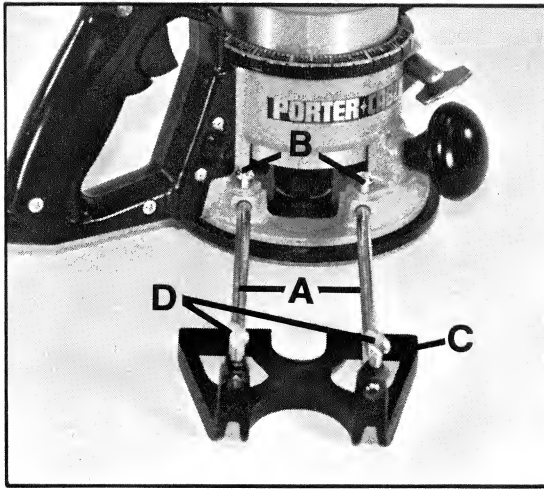


Fig. 11

TEMPLATE GUIDES

A wide variety of templet guides is available for use in pattern and templet routing operations. Fig. 12 shows a typical combination (A) Bit, (B) Templet Guide, and (C) Locknut. To install, insert Templet Guide in center hole in router base and secure in place with the Locknut.

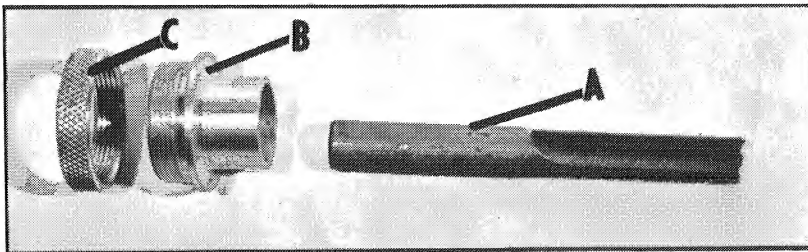


Fig. 12

MAINTENANCE

KEEP TOOL CLEAN

Periodically blow out all air passages with compressed air. Wear safety glasses while performing this operation. Remove build up of

grime resulting from working green or sappy wood. All plastic parts should be cleaned with soft damp cloth. NEVER use solvents to clean plastic parts. They could possibly dissolve or otherwise damage the material.

FAILURE TO START

Should your tool fail to start, check to make sure the prongs on the cord plug are making good contact in the outlet. Also, check for blown fuses or open circuit breakers in the line.

LUBRICATION

This tool has been lubricated with a sufficient amount of high grade lubricant for the life of the unit under normal operating conditions. No further lubricant is necessary.

BRUSH INSPECTION

At approximately 100 hours of use, take or send your tool to your nearest Authorized Porter-Cable Service Station to be thoroughly cleaned and inspected; worn parts replaced, when necessary; re-lubricated with fresh lubricant, if required; reassembled with new brushes; and performance tested.

Any loss of power before the above maintenance check may indicate the need for immediate servicing of your tool. **DO NOT CONTINUE TO OPERATE TOOL UNDER THIS CONDITION.** If proper operating voltage is present, return your tool to the Service Station for immediate service.

SERVICE AND REPAIRS

All quality tools will eventually require servicing or replacement of parts due to wear from normal use. These operations, including brush inspection and replacement, should **ONLY** be performed by either an **AUTHORIZED PORTER-CABLE SERVICE STATION** or a **PORTER-CABLE SERVICE CENTER**. All repairs made by these agencies are fully guaranteed against defective material and workmanship. We can not guarantee repairs made or attempted by anyone other than these agencies.

Should you have any questions about your tool, feel free to write us at any time. In any communications, please give all information shown on the nameplate of your tool (model number, type, serial number, etc.).

ACCESSORIES

The testing of this tool has been accomplished with the following accessories. For safest operation, it is recommended that only these accessories be used with this product.

WARNING - Since accessories other than those listed have not been tested with this product, use of such accessories could be hazardous.

Porter-Cable Router Bits Cutters and Accessories

High Speed Steel Bits

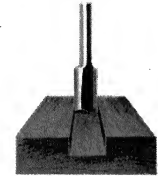
A choice of conventional one-piece or screw-type models. All specially heat treated to retain their precision ground cutting edges over longer periods of operation.



One-Piece Bits. Conventional one-piece units complete with shank, cutting head and when necessary, a pilot guide. All are double fluted bits, except on the smaller diameter straight models, which are available in single flutes where indicated.



Screw-Type Bits. All are double-fluted bits threaded for use with separate arbores which are available in 1/4, 3/8 or 1/2" shank diameters.



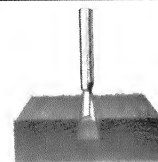
Straight (ST). For general stock removal, slotting, mortising, grooving and rabbeting.

Single Flute (SFST)

| Model No. | Dia. In. | Cutting Length In. | Dia. In. | Shank Length In. |
|-----------|----------|--------------------|----------|------------------|
| 43004 | 3/8 | 3/8 | 3/8 | 1 1/4 |
| 43007 | 3/8 | 3/8 | 3/8 | 1 3/8 |
| 43009 | 3/8 | 3/8 | 3/8 | 1 3/4 |
| 43008 | 3/8 | 3/8 | 3/8 | 1 3/8 |
| 43009 | 3/8 | 3/8 | 3/8 | 1 3/4 |
| 43010 | 3/8 | 3/8 | 3/8 | 1 |
| 43011 | 3/8 | 3/8 | 3/8 | 1 1/4 |
| 43021 | 3/8 | 1 1/4 | 3/8 | 1 3/8 |
| 43022 | 3/8 | 1 | 3/8 | 1 1/4 |

Double Flute (DFST)

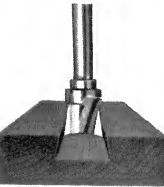
| Model No. | Dia. In. | Cutting Length In. | Dia. In. | Shank Length In. |
|-----------|----------|--------------------|----------|------------------|
| 43610 | 3/8S | 3/8 | 3/8 | 1 1/4 |
| 43611 | 3/8 | 3/8 | 3/8 | 1 1/4 |
| 43612 | 3/8L | 1 | 3/8 | 1 1/4 |
| 43303 | 3/8 | 3/8 | 3/8 | 1 1/4 |
| 43306 | 3/8 | 3/8 | 3/8 | 1 1/4 |
| 43308 | 3/8L | 1 | 3/8 | 1 |
| 43315 | 3/8 | 3/8 | 3/8 | 1 1/4 |
| 43321 | 3/8 | 3/8 | 3/8 | 1 1/4 |
| 43324 | 3/8 | 3/8 | 3/8 | 1 1/4 |
| 43330 | 3/8 | 3/8 | 3/8 | 1 1/4 |
| 43336 | 3/8 | 3/8 | 3/8 | 1 1/4 |
| 43613 | 3/8 | 1 1/2 | 3/8 | 1 3/8 |
| 43614 | 3/8 | 1 1/2 | 3/8 | 1 1/4 |
| 43615 | 3/8L | 2 | 3/8 | 1 1/2 |
| 43023 | 3/8 | 1 3/4 | 3/8 | 1 3/8 |
| 43616 | 3/8 | 1 | 3/8 | 1 1/4 |
| 43617 | 3/8 | 1 | 3/8 | 1 1/4 |
| 43618 | 1 | 1 | 3/8 | 1 1/4 |



Dovetail (DT). For dovetailing joints. Use with dovetail templet.

| Model No. | Dia. In. | Cutting Length In. | Dia. In. | Shank Length In. |
|-----------|----------|--------------------|----------|------------------|
| 43639 | 3/8 | 3/8 | 3/8 | 1 1/4 |
| 43640 | 3/8 | 3/8 | 3/8 | 1 1/4 |

| Screw Type (SCRU) | | | | |
|-------------------|----------|--------------------|----------|------------------|
| Model No. | Dia. In. | Cutting Length In. | Dia. In. | Shank Length In. |
| 43622 | 3/8 | 3/8 | 3/8 | |
| 43623 | 3/8 | 3/8 | 3/8 | |
| 43624 | 3/8 | 3/8 | 3/8 | |
| 43625 | 3/8 | 3/8 | 3/8 | |
| 43626 | 1 | 3/8 | 3/8 | |
| 43627 | 1 1/4 | 3/8 | 3/8 | |
| 43628 | 1 1/4 | 3/8 | 3/8 | |
| 43630 | 1 1/4 | 3/8 | 3/8 | |
| 43631 | 1 1/4 | 3/8 | 3/8 | |

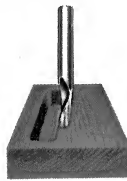


Stair Router (SR). For routing stair tread and riser grooves.

Screw Type

| Model No. | Dia. In. | Cutting Length In. |
|-----------|----------|--------------------|
| 43506 | 3/8 | 3/8 |

Use with 43274 or 43737 Arbors



Straight Spiral Up (SU). For slotting and mortising operations, particularly in non-ferrous metals such as aluminum door jambs; pulls chips up out of the cut.

| Model No. | Dia. In. | Cutting Length In. | Dia. In. | Shank Length In. |
|-----------|----------|--------------------|----------|------------------|
| 43012 | 3/8 | 3/8 | 3/8 | 2 1/4 |
| 43604 | 3/8 | 3/8 | 3/8 | 2 |
| 43605 | 3/8 | 1 | 3/8 | 1 1/4 |
| 43606 | 3/8 | 1 | 3/8 | 1 1/4 |
| 43013 | 3/8 | 1 1/2 | 3/8 | 1 1/4 |



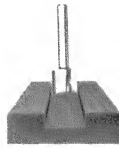
Straight Spiral Down (SD). For through cutting plastics and non-ferrous metals; pushes chips down from the cut.

| Model No. | Dia. In. | Cutting Length In. | Dia. In. | Shank Length In. |
|-----------|----------|--------------------|----------|------------------|
| 43236 | 3/8 | 3/8 | 3/8 | 1 1/4 |
| 43601 | 3/8 | 3/8 | 3/8 | 2 |
| 43015 | 3/8 | 1 | 3/8 | 1 1/4 |
| 43016 | 3/8 | 1 1/4 | 3/8 | 1 1/4 |
| 43620 | 3/8 | 1 1/4 | 3/8 | 1 1/4 |



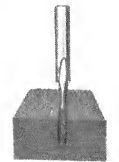
Beading (BD). Piloted bit for decorative edging.

| Model No. | Radius | Cutting Length In. | Dia. In. | Shank Length In. |
|-----------|--------|--------------------|----------|------------------|
| 43411 | 3/8 | 3/8 | 3/8 | 1 |
| 43414 | 3/8 | 3/8 | 3/8 | 1 |
| 43417 | 3/8 | 3/8 | 3/8 | 1 |



Hinge Butt Mortising (HB). For stock removal, dados, rabbets, hinge butt mortising.

| Model No. | Dia. In. | Cutting Length In. | Dia. In. | Shank Length In. |
|-----------|----------|--------------------|----------|------------------|
| 43446 | 3/8 | 3/8 | 3/8 | 1 1/4 |
| 43449 | 3/8 | 3/8 | 3/8 | 1 1/4 |



Veining (VN). For decorative and freehand routing.

| Model No. | Dia. In. | Cutting Length In. | Dia. In. | Shank Length In. |
|-----------|----------|--------------------|----------|------------------|
| 43024 | 3/8 | 3/8 | 3/8 | 1 1/4 |
| 43025 | 3/8 | 3/8 | 3/8 | 1 1/4 |
| 43363 | 3/8 | 3/8 | 3/8 | 1 1/4 |
| 43026 | 3/8 | 3/8 | 3/8 | 1 1/4 |
| 43027 | 3/8 | 3/8 | 3/8 | 1 |
| 43028 | 3/8 | 3/8 | 3/8 | 1 1/4 |

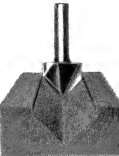


Core Box (CB). For reeding, fluting and general ornamentation.

| Model No. | Dia. In. | Cutting Length In. | Dia. In. | Shank Length In. |
|-----------|----------|--------------------|----------|------------------|
| 43647 | 3/8 | 3/8 | 3/8 | 1 1/4 |
| 43648 | 3/8 | 3/8 | 3/8 | 1 1/4 |
| 43649 | 3/8 | 3/8 | 3/8 | 1 |
| 43650 | 3/8 | 3/8 | 3/8 | 1 |
| 43651 | 3/8 | 3/8 | 3/8 | 1 |

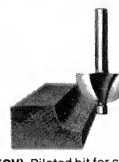
Screw Type

| Model No. | Dia. In. | Cutting Length In. | Dia. In. | Shank Length In. |
|-----------|----------|--------------------|----------|--------------------------------|
| 43653 | 3/8 | 3/8 | 3/8 | All with 1/4"-28 Threaded Hole |
| 43654 | 1 | 3/8 | 3/8 | |
| 43655 | 1 1/4 | 3/8 | 3/8 | |



V-Groove (VG). For simulating plank construction on panels.

| Model No. | Dia. In. | Cutting Length In. | Dia. In. | Shank Length In. |
|-----------|----------|--------------------|----------|------------------|
| 43641 | 3/8 | 3/8 | 3/8 | 1 |



Cove (CV). Piloted bit for cutting inverted radii; decorative edging.

| Model No. | Radius | Cutting Length In. | Dia. In. | Shank Length In. |
|-----------|--------|--------------------|----------|------------------|
| 43420 | 3/8 | 3/8 | 3/8 | 1 |
| 43423 | 3/8 | 3/8 | 3/8 | 1 |
| 43426 | 3/8 | 3/8 | 3/8 | 1 |

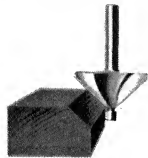


Pilot Panel (PP). For plunge-cutting openings where pilot is guided by a templet on the underside of the work.

| Model No. | Cutting Dia. In. | Edge In. | Shank Dia. In. | Length In. | Total Bit Length In. |
|-----------|------------------|----------|----------------|------------|----------------------|
| 43642 | 1/4 | 3/4 | 1/4 | 1 1/4 | 2 3/4 |
| 43676 | 3/4 | 3/4 | 3/4 | 1 1/4 | 3 |
| 43643 | 3/4 | 3/4 | 1/2 | 1 3/4 | 2 3/4 |
| 43629 | 1/2 | 1 | 1/2 | 2 | 3 1/4 |

Pilot Panel Spiral Down (SDPP). Spiral pushes chips down and out for more efficient cutting.

| Model No. | Cutting Dia. In. | Edge In. | Shank Dia. In. | Length In. | Total Bit Length In. |
|-----------|------------------|----------|----------------|------------|----------------------|
| 43488 | 1/4 | 3/4 | 1/4 | 1 1/4 | 3 |
| 43491 | 3/4 | 1 | 3/4 | 1 1/4 | 3 1/4 |
| 43031 | 1/2 | 1 1/4 | 1/2 | 1 1/4 | 3 3/4 |



Chamfer (CH). Piloted bit for 45° bevel cutting.

| Model No. | Cutting Length In. | Shank Dia. In. | Length In. |
|-----------|--------------------|----------------|------------|
| 43430 | 3/4 | 1/4 | 1 |

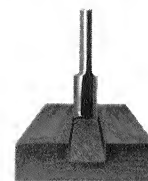


Sash Cope (SC). For coping window rails to match bead cut.

| Model No. | Cutting Radius | Length In. | Shank Dia. In. | Length In. |
|-----------|----------------|------------|----------------|------------|
| 43645 | 3/4 | 3/4 | 1/4 | 1 |

Carbide-Tipped Bits

Recommended for production cutting operations or when working with tough, more abrasive materials such as flake board, plastic laminates, plywood and composition materials.



Straight (ST). For general stock removal, slotting, grooving, rabbeting.

| Model No. | Cutting Dia. In. | Length In. | Shank Dia. In. | Length In. |
|-----------|------------------|------------|----------------|------------|
| 43297 | 1/4 | 3/4 | 1/4 | 1 1/4 |

Single Flute (SFST)

| Model No. | Cutting Dia. In. | Length In. | Shank Dia. In. | Length In. |
|-----------|------------------|------------|----------------|------------|
| 43716 | 3/4 | 3/4 | 1/4 | 1 1/4 |
| 43717 | 3/4 | 3/4 | 1/4 | 1 1/4 |
| 43645 | 3/4 | 1 | 1/4 | 1 1/4 |
| 43046 | 3/4 | 1 | 3/4 | 1 1/4 |
| 43047 | 3/4 | 3/4 | 3/4 | 1 1/4 |
| 43048 | 1/2S | 1 1/4 | 3/4 | 1 1/4 |
| 43049 | 1/2 | 1 1/4 | 3/4 | 1 1/4 |
| 43050 | 1/2L | 2 | 3/4 | 1 1/4 |



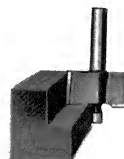
Sash Bead (SB). For beading inner side of window frames.

| Model No. | Cutting Radius | Length In. | Shank Dia. In. | Length In. |
|-----------|----------------|------------|----------------|------------|
| 43644 | 3/4 | 3/4 | 1/4 | 1 |



Roman Ogee (OG). For internal decorative work.

| Model No. | Cutting Radius | Length In. | Shank Dia. In. | Length In. |
|-----------|----------------|------------|----------------|------------|
| 43040 | 3/4 | 3/4 | 1/4 | 1 |
| 43043 | 3/4 | 3/4 | 1/4 | 1 |



Rabbeting (RT). Piloted bit for rabbeting or step-cutting edges.

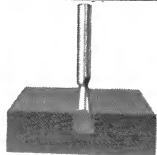
| Model No. | Cutting Width In. | Length In. | Shank Dia. In. | Length In. |
|-----------|-------------------|------------|----------------|------------|
| 43453 | 1/4 | 3/4 | 1/4 | 1 |
| 43458 | 3/4 | 3/4 | 1/4 | 1 |

Double Flute (DFST)

| Model No. | Cutting Dia. In. | Length In. | Shank Dia. In. | Length In. |
|-----------|------------------|------------|----------------|------------|
| 43051 | 3/4 | 3/4 | 1/4 | 1 1/4 |
| 43718 | 3/4L | 3/4 | 1/4 | 1 1/4 |
| 43300 | 3/4 | 3/4 | 1/4 | 1 1/4 |
| 43312 | 3/4 | 1 | 1/4 | 1 1/4 |
| 43318 | 1/2 | 1 | 1/4 | 1 |
| 43327 | 3/4 | 3/4 | 1/4 | 1 1/4 |
| 43333 | 3/4 | 3/4 | 1/4 | 1 1/4 |
| 43052 | 3/4 | 3/4 | 1/4 | 1 1/4 |
| 43053 | 3/4S | 1 | 3/4 | 1 1/4 |
| 43054 | 3/4 | 1 | 3/4 | 1 1/4 |
| 43055 | 3/4 | 3/4 | 1/4 | 1 1/4 |
| 43719 | 3/4 | 3/4 | 1/4 | 1 1/4 |
| 43056 | 3/4 | 1 1/4 | 1/4 | 1 1/4 |
| 43057 | 1/2S | 1 | 1/4 | 1 1/4 |
| 43058 | 3/4 | 1 1/4 | 1/4 | 1 1/4 |
| 43720 | 3/4L | 1 1/4 | 1/4 | 1 1/4 |
| 43721 | 3/4K | 2 | 3/4 | 2 |
| 43722 | 3/4 | 1 | 1/4 | 1 1/4 |
| 43062 | 3/4 | 1 1/4 | 3/4 | 1 1/4 |
| 43063 | 1 | 1 1/4 | 3/4 | 1 1/4 |

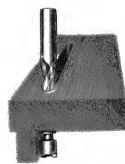
Screw Type (SCRU)

| Model No. | Cutting Dia. In. | Length In. | Shank Dia. In. | Length In. |
|-----------|------------------|------------|----------------|------------|
| 43703 | 3/4 | 1 1/4 | 3/4 | 1 1/4 |
| 43704 | 1 | 1 1/4 | 3/4 | 1 1/4 |
| 43745 | 1 1/4 | 1 1/4 | 3/4 | 1 1/4 |



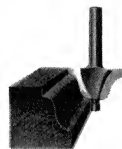
Dovetail (DT). For dovetailing joints. Use with dovetail templet.

| Model No. | Cutting Dia. In. | Length In. | Shank Dia. In. | Length In. |
|-----------|------------------|------------|----------------|------------|
| 43705 | 1/4 | 3/4 | 1/4 | 1 1/4 |



Pilot Panel Spiral Up (SUPP) w/ Mortising Boring Point. For panel pilot routing where it is necessary to pull chips up out of the cut.

| Model No. | Cutting Dia. In. | Edge In. | Shank Dia. In. | Length In. | Total Bit Length In. |
|-----------|------------------|----------|----------------|------------|----------------------|
| 43494 | 1/2 | 1 1/4 | 1/2 | 1 1/4 | 4 |



Roman Ogee (OG). Piloted bit for decorative edging.

Solid Pilot (DGSP)

| Model No. | Cutting Radius | Length In. | Shank Dia. In. | Length In. |
|-----------|----------------|------------|----------------|------------|
| 43518 | 3/4 | 1/2 | 1/4 | 1 |
| 43522 | 1/4 | 3/4 | 1/4 | 1 |



Corner Round (CR). Piloted bit for edge rounding.

| Model No. | Cutting Radius | Length In. | Shank Dia. In. | Length In. |
|-----------|----------------|------------|----------------|------------|
| 43390 | 3/4 | 3/4 | 1/4 | 1 |
| 43393 | 1/4 | 1/2 | 1/4 | 1 |
| 43396 | 3/4 | 3/4 | 1/4 | 1 |
| 43399 | 1/2 | 3/4 | 1/4 | 1 |



V-Groove (VG). For simulating plank construction on panels.

| Model No. | Cutting Dia. In. | Length In. | Shank Dia. In. | Length In. |
|-----------|------------------|------------|----------------|------------|
| 43074 | 1/4 | 1/4 | 1/4 | 1 1/4 |
| 43725 | 1/2 | 1/2 | 1/4 | 1 1/4 |
| 43075 | 3/4 | 1/2 | 1/4 | 1 1/4 |
| 43077 | 3/4 | 3/4 | 1/2 | 1 1/4 |
| 43078 | 1 | 3/4 | 1/2 | 1 1/4 |
| 43079 | 1 1/4 | 1 1/4 | 3/4 | 1 1/4 |
| 43080 | 1 1/2 | 1 1/4 | 3/4 | 1 1/4 |



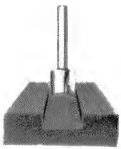
Rabbeting (RT). For rabbeting or step cutting edges.

| Model No. | Cutting Width In. | Length In. | Shank Dia. In. | Length In. |
|-----------|-------------------|------------|----------------|------------|
| 43706 | 3/4* | 1/2 | 1/4 | 1 1/4 |

Solid Pilot

| Model No. | Cutting Dia. In. | Length In. | Shank Dia. In. | Length In. |
|-----------|------------------|------------|----------------|------------|
| 43706 | 3/4* | 1/2 | 1/4 | 1 1/4 |

*3/4" with 42204 Pilot; 1/2" with 42207 Pilot



Hinge Butt Mortising (HB). For stock removal, dados, rabbets, hinge butt mortising.

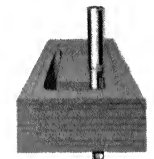
| Model No. | Cutting Length In. | Dia. In. | Shank Length In. |
|-----------|--------------------|---------------|------------------|
| 43437 | $\frac{1}{2}$ | $\frac{1}{2}$ | $\frac{1}{2}$ |
| 43440 | $\frac{3}{4}$ | $\frac{1}{2}$ | $\frac{1}{2}$ |
| 43443 | $\frac{1}{2}$ | $\frac{1}{2}$ | $\frac{1}{2}$ |



Pilot Panel (PP). For plunge-cutting openings where pilot is guided by a templet on the underside of the work.

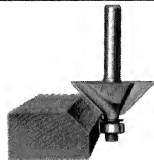
| Model No. | Cutting Length In. | Shank Length In. | Total Bit Length In. |
|-----------|--------------------|------------------|----------------------|
|-----------|--------------------|------------------|----------------------|

| Model No. | Dia. In. | Edge In. | Shank Length In. | Total Bit Length In. |
|----------------------------|---------------|----------------|------------------|----------------------|
| Single Flute (SFPP) | | | | |
| 43708 | $\frac{1}{2}$ | $\frac{3}{4}$ | $\frac{1}{2}$ | $1\frac{1}{2}$ |
| 43709 | $\frac{3}{4}$ | $\frac{3}{4}$ | $\frac{1}{2}$ | $1\frac{1}{2}$ |
| 43710 | $\frac{1}{2}$ | $\frac{1}{2}$ | 1 | $1\frac{1}{2}$ |
| 43064 | $\frac{1}{2}$ | $1\frac{1}{4}$ | $\frac{1}{2}$ | $2\frac{1}{4}$ |
| 43065 | $\frac{1}{2}$ | 2 | $\frac{1}{2}$ | $2\frac{1}{2}$ |
| Double Flute (DFPP) | | | | |
| 43068 | $\frac{3}{4}$ | 1 | $\frac{1}{2}$ | $1\frac{1}{2}$ |
| 43069 | $\frac{1}{2}$ | $1\frac{1}{4}$ | $\frac{1}{2}$ | $2\frac{1}{4}$ |



Stagger Tooth (STAG). For through cutting operations, such as sink cut-outs and door lights.

| Model No. | Cutting Length In. | Shank Length In. |
|-----------|--------------------|------------------|
| 43070 | $\frac{1}{2}$ | $1\frac{1}{2}$ |
| 43723 | $\frac{1}{2}$ | $1\frac{1}{2}$ |
| 43071 | $\frac{1}{2}$ | $1\frac{1}{2}$ |
| 43724 | $\frac{1}{2}$ | 2 |

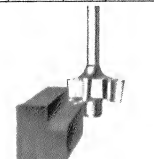


Chamfer (CH). For 45° bevel cutting.

| Model No. | Cutting Length In. | Shank Length In. |
|-----------|--------------------|------------------|
|-----------|--------------------|------------------|

| Model No. | Cutting Length In. | Shank Length In. |
|----------------------------|--------------------|------------------|
| Ball Bearing (CHBB) | | |
| 43072 | $\frac{1}{2}$ | 1 |
| 43073 | $\frac{1}{2}$ | $1\frac{1}{2}$ |

| Model No. | Cutting Length In. | Shank Length In. |
|---------------------------|--------------------|------------------|
| Solid Pilot (CHSP) | | |
| 43433 | $\frac{1}{2}$ | $1\frac{1}{2}$ |



Rabbeting (RT). For bevel rabbeting.

| Model No. | Cutting Length In. | Shank Length In. |
|-----------|--------------------|------------------|
|-----------|--------------------|------------------|

| Model No. | Cutting Length In. | Shank Length In. |
|-------------------------------------|--------------------|------------------|
| 10° Bevel (10RT) Solid Pilot | | |
| 43707 | $\frac{3}{4}$ | $\frac{1}{2}$ |

| Model No. | Cutting Length In. | Shank Length In. |
|-----------|--------------------|------------------|
| 43707 | $\frac{3}{4}$ | $\frac{1}{2}$ |

* $\frac{1}{2}$ " with 42204 Pilot; $\frac{1}{2}$ " with 42207 Pilot



Rabbeting (RT). For rabbeting or step cutting edges.

| Model No. | Cutting Length In. | Shank Length In. |
|-----------|--------------------|------------------|
|-----------|--------------------|------------------|

| Model No. | Cutting Length In. | Shank Length In. |
|----------------------------|--------------------|------------------|
| Ball Bearing (RTBB) | | |
| 43082 | $\frac{1}{2}$ | $1\frac{1}{2}$ |
| 43083 | $\frac{1}{2}$ | $1\frac{1}{2}$ |



Corner Round (CR). For edge rounding.

| Model No. | Cutting Length In. | Shank Length In. |
|-----------|--------------------|------------------|
|-----------|--------------------|------------------|

| Model No. | Cutting Length In. | Shank Length In. |
|---------------------------|--------------------|------------------|
| Solid Pilot (CRSP) | | |
| 43403 | $\frac{1}{2}$ | $1\frac{1}{2}$ |
| 43406 | $\frac{1}{2}$ | $1\frac{1}{2}$ |
| 43412 | $\frac{1}{2}$ | $1\frac{1}{2}$ |



Corner Round (CR). For edge rounding.

| Model No. | Cutting Length In. | Shank Length In. |
|-----------|--------------------|------------------|
|-----------|--------------------|------------------|

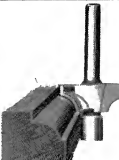
| Model No. | Cutting Length In. | Shank Length In. |
|----------------------------|--------------------|------------------|
| Ball Bearing (CRBB) | | |
| 43085 | $\frac{1}{2}$ | 1 |
| 43402 | $\frac{1}{2}$ | $1\frac{1}{2}$ |
| 43086 | $\frac{1}{2}$ | 1 |
| 43405 | $\frac{1}{2}$ | $1\frac{1}{2}$ |
| 43408 | $\frac{1}{2}$ | $1\frac{1}{2}$ |
| 43087 | $\frac{1}{2}$ | $1\frac{1}{2}$ |
| 43088 | $\frac{1}{2}$ | $1\frac{1}{2}$ |
| 43089 | $\frac{1}{2}$ | $1\frac{1}{2}$ |
| 43090 | $\frac{1}{2}$ | $1\frac{1}{2}$ |
| 43091 | $\frac{1}{2}$ | $1\frac{1}{2}$ |
| 43092 | $\frac{1}{2}$ | $1\frac{1}{2}$ |



Roman Ogee (OG). For decorative

| Model No. | Cutting Length In. | Shank Length In. |
|-----------|--------------------|------------------|
|-----------|--------------------|------------------|

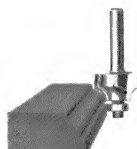
| Model No. | Cutting Length In. | Shank Length In. |
|----------------------------|--------------------|------------------|
| Ball Bearing (OGBB) | | |
| 43126 | $\frac{1}{2}$ | 1 |
| 43127 | $\frac{1}{2}$ | $1\frac{1}{2}$ |
| 43132 | $\frac{1}{2}$ | $1\frac{1}{2}$ |
| 43133 | $\frac{1}{2}$ | $1\frac{1}{2}$ |



Beading (BD). For decorative edging.

| Model No. | Cutting Length In. | Shank Length In. |
|-----------|--------------------|------------------|
|-----------|--------------------|------------------|

| Model No. | Cutting Length In. | Shank Length In. |
|---------------------------|--------------------|------------------|
| Solid Pilot (BDSP) | | |
| 43712 | $\frac{1}{2}$ | $1\frac{1}{2}$ |
| 43713 | $\frac{1}{2}$ | $1\frac{1}{2}$ |
| 43714 | $\frac{1}{2}$ | $1\frac{1}{2}$ |



Beading (BD). For decorative edging.

| Model No. | Cutting Length In. | Shank Length In. |
|-----------|--------------------|------------------|
|-----------|--------------------|------------------|

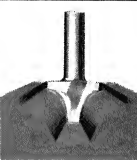
| Model No. | Cutting Length In. | Shank Length In. |
|----------------------------|--------------------|------------------|
| Ball Bearing (BDDB) | | |
| 43094 | $\frac{1}{2}$ | 1 |
| 43410 | $\frac{1}{2}$ | $1\frac{1}{2}$ |
| 43095 | $\frac{1}{2}$ | $1\frac{1}{2}$ |
| 43413 | $\frac{1}{2}$ | $1\frac{1}{2}$ |
| 43416 | $\frac{1}{2}$ | $1\frac{1}{2}$ |
| 43096 | $\frac{1}{2}$ | $1\frac{1}{2}$ |
| 43097 | $\frac{1}{2}$ | $1\frac{1}{2}$ |
| 43098 | $\frac{1}{2}$ | $1\frac{1}{2}$ |
| 43099 | $\frac{1}{2}$ | $1\frac{1}{2}$ |
| 43100 | $\frac{1}{2}$ | $1\frac{1}{2}$ |
| 43101 | $\frac{1}{2}$ | $1\frac{1}{2}$ |



Cove (CV). For cutting inverted radii; decorative edging.

| Model No. | Cutting Length In. | Shank Length In. |
|-----------|--------------------|------------------|
|-----------|--------------------|------------------|

| Model No. | Cutting Length In. | Shank Length In. |
|----------------------------|--------------------|------------------|
| Ball Bearing (CVBB) | | |
| 43102 | $\frac{1}{2}$ | $1\frac{1}{2}$ |
| 43103 | $\frac{1}{2}$ | $1\frac{1}{2}$ |
| 43104 | $\frac{1}{2}$ | 1 |
| 43105 | $\frac{1}{2}$ | $1\frac{1}{2}$ |
| 43106 | $\frac{1}{2}$ | $1\frac{1}{2}$ |
| 43107 | $\frac{1}{2}$ | $1\frac{1}{2}$ |



Round Over (RO). For internal decorative work.

| Model No. | Cutting Length In. | Shank Length In. |
|-----------|--------------------|------------------|
|-----------|--------------------|------------------|

| Model No. | Cutting Length In. | Shank Length In. |
|-----------|--------------------|------------------|
| 43134 | $\frac{1}{2}$ | $1\frac{1}{2}$ |
| 43135 | $\frac{1}{2}$ | $1\frac{1}{2}$ |
| 43136 | $\frac{1}{2}$ | $1\frac{1}{2}$ |
| 43137 | $\frac{1}{2}$ | $1\frac{1}{2}$ |
| 43138 | $\frac{1}{2}$ | $1\frac{1}{2}$ |
| 43140 | $\frac{1}{2}$ | $1\frac{1}{2}$ |

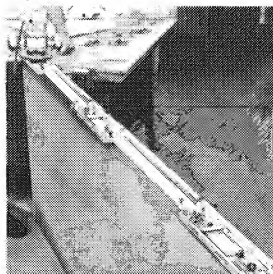


Core Box (CB). For reeding, fluting and general ornamentation.

| Model No. | Cutting Length In. | Shank Length In. |
|-----------|--------------------|------------------|
|-----------|--------------------|------------------|

| Model No. | Cutting Length In. | Shank Length In. |
|-----------|--------------------|------------------|
| 43141 | $\frac{1}{2}$ | $1\frac{1}{2}$ |
| 43143 | $\frac{1}{2}$ | $1\frac{1}{2}$ |
| 43711 | $\frac{1}{2}$ | $1\frac{1}{2}$ |
| 43144 | $\frac{1}{2}$ | $1\frac{1}{2}$ |
| 43145 | $\frac{1}{2}$ | 1 |
| 43146 | $\frac{1}{2}$ | $1\frac{1}{2}$ |
| 43147 | $\frac{1}{2}$ | $1\frac{1}{2}$ |
| 43148 | $\frac{1}{2}$ | $1\frac{1}{2}$ |
| 43149 | $\frac{1}{2}$ | $1\frac{1}{2}$ |
| 43150 | $\frac{1}{2}$ | $1\frac{1}{2}$ |
| 43151 | $\frac{1}{2}$ | $1\frac{1}{2}$ |
| 43152 | $\frac{1}{2}$ | $1\frac{1}{2}$ |
| 43153 | 1 | $1\frac{1}{2}$ |

ROUTER ACCESSORIES AND ATTACHMENTS FOR DOOR HANGING OPERATIONS



Model 59380 Hinge Butt Template—Easy to operate, this new hinge butt template will mortise a door and butt of any length and hinge size, using standard accessories. Features include spring loaded nails that stay up prior to driving and can be removed with a claw hammer, locators to transfer measurements from jamb to door, gauges to allow for weather stripping, end gauges for each end of the template and a full length locator with each template section.

| Model No. | Accommodates | | Includes |
|-----------|-----------------|----------|---|
| | Jambs and Doors | Hinges | |
| 59380 | 6'6" to 7' | 3" to 6" | 3 template sections, two guide rails, 2 each 5" and 7" end gauges, 48256 wrench, and operating manual |

3", 3½", 4", 4½", 5", 5½" and 6" jamb gauges are available as accessory equipment for setting the 59380 when wood doors are to be fitted to metal jambs.

Model 59381 Hinge Butt Template Kit—Includes 59380 Hinge Butt Template, 43446 Mortising Bit, 42042 Template Guide, 42237 Lock Nut, 59824 Carrying Case, Operating Manual.

ACCESSORIES

| Bit No. | Diameter (Inches) | Type | Use With Template Guide No. | Use |
|---------|-------------------|---------|-----------------------------|--|
| 43466 | ½" | H. S. | 42042 | For square corner & ¼" radius butts |
| 43477 | ½" | Carbide | 42042 | For square corner & ¼" radius butts |
| 43449 | ¾" | H. S. | 42039 | Square corner butts |
| 43440 | ¾" | Carbide | 42039 | Square corner butts |
| *43530 | 1¼" | H. S. | 42048 | ¾" Radius Butts |
| *43745 | 1¼" | Carbide | 42048 | ¾" Radius Butts |
| 42237 | | | | Lock Nut for attaching template guides to router |

*Requires appropriate arbor

Model 59829 Accessory Package (to increase the capacity of the 59380 to 3 hinge 8' to 9' doors)—Includes 2 long guide rails.

Model 59839 Accessory Package (to increase the capacity of the 59380 to 4 hinge, 6'-7' doors, 3 and 4 hinge, 7'-8' doors, 4 hinge, 9' doors). Includes 3 guide rails, 1 template section.

No. 59824 Carrying Case.

No. 59825 3" Jamb Gauge.

No. 59826 3½" Jamb Gauge.

No. 59827 4" Jamb Gauge.

No. 59828 4½" Jamb Gauge.

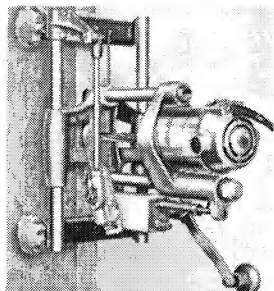
No. 59832 5" Jamb Gauge.

No. 59830 5½" Jamb Gauge.

No. 59831 6" Jamb Gauge.

No. 42042 Router Template Guide.

No. 42234 Corner Chisel. For squaring hinge mortises.



Model 513 Extra-Heavy-Duty Lock Mortising Kit. Permits quick, accurate cutting of mortises for door box locks. The machine is fully adjustable for cutting mortises in varying sizes up to 7" long, 1½" wide and 5" deep (using 43631 Bit). Includes lock mortiser; height rod; ¾" and 7/8" Bits; extra-heavy-duty 1½ HP, 22,000 rpm, 8 amp motor with an integral spindle; and operating manual.

ACCESSORIES

No. 43622 ¾" H.S. Bit.

No. 43623 1½" H.S. Bit.

No. 43624 7/8" H.S. Bit.

No. 43625 1½" H.S. Bit.

No. 43626 1" H.S. Bit.

No. 43627 1¼" H.S. Bit.

No. 43628 1½" H.S. Bit.

No. 43630 1¼" H.S. Bit.

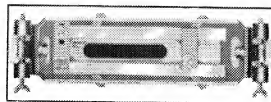
No. 43631 1½" H.S. Bit.

No. 43703 ¾" Carbide Bit.

No. 43704 1" Carbide Bit.

No. 43745 1¼" Carbide Bit.

No. 42081 Height Rod.



Model 517 Lock Face Template—Used to quickly rout lock faces on door after the mortise for the box lock itself has been completed. Automatically self-centering and self-beveling.

Includes Template, 42024 Template Guide and Operating Manual.
Net Wt. 2½ Lbs., Shpg. Wt. 3 Lbs.
(Max Mortise 1½" x 8½")

ACCESSORIES

No. 42024 Template Guide.

No. 42237 Lock Nut for attaching template guides to router.

No. 43449 ¾" Quality Steel Bit with ¼" Dia. Shank.

No. 43440 ¾" Carbide Tipped Bit with ¼" Dia. Shank.

No. 42234 Corner Chisel.

Accessories

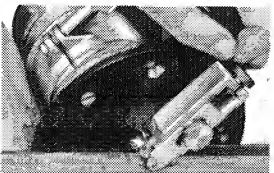
ROUTER BASES

| Model No. | Type | Use With Model(s) |
|-----------|------------------|--------------------|
| 5141 | Conventional | 514, 5142 |
| 5361 | Conventional | 536, 5372 |
| 5371 | "O" Handle | 537, 5372 |
| 6801 | Conventional | 350, 630, 670, 690 |
| *5022 | Offset w/Guide | 312, 3102 |
| *5031 | Offset | 311, 3102 |
| 5036 | Conventional | 313, 3102 |
| 3101 | Laminate Trimmer | 310, 3102 |
| 1001 | Conventional | 100 |

*See Laminate Trimmer Accessories

ROUTER SUB BASES

| Model No. | Use With Model(s) |
|-----------|-------------------|
| 10695 | 514 |
| 42186 | "All others" |



LAMINATE TRIMMING KIT

Model 5023—For edge trimming of plastic laminates and wood veneers. Carbide-tipped combination bit handles both flush and bevel trimming operations. Micrometer adjustment control of non-marking nylon roller guide assures smooth, accurate cutting.

Includes Roller, Carrier Assembly, Sub-Base, 43239 Carbide Tipped Combination Bit and Operating Manual.
Net Wt. ½ lb., Shpg. Wt. ¾ lb.

SHARPENING ATTACHMENTS

For fast, accurate sharpening of router bits and cutters. Adjustable for one, two or three cutting edge bits with ¼" or ½" shanks, also ¾" hole cutters. Using accessory adapters; ¾", 7/8" and 1" shank bits, can also be sharpened.

Includes Attachment, Arbor, 48077 Grinding Wheel, 42127 ¼" Bit Adapter, 48245 Wrench, 48270 Wrench, Tripod Router Stand and Operating Manual. Net Wt. 1 lb., Shpg. Wt. 2 lbs.

No. 5011—For old Models 350 and 150, and Models 100, 630, 670 and 690.

No. 5010—For Models 536 and 537.

No. 5013—For Model 514.

ACCESSORIES

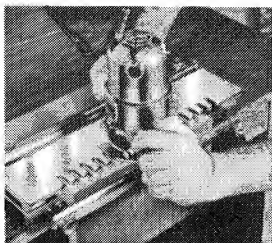
No. 48040 Dressing Stone.

No. 48077 Grinding Wheel. ¼" shank.

No. 42078 Grinding Wheel. ¾" hole.

No. 42130 Adapter. For ¾" shank diam. bits.

No. 42133 Adapter. For 1" shank diam. bits.



No. 42054 Router Template Guide. For 1/4" dovetails.

No. 43639 1/4" H. S. Bit.

No. 42237 Lock Nut. For attaching template guides to router.

DOVETAIL TEMPLATE

An Easy-to-Use Guide For Cutting Perfect Dovetail Joints. Handles Stock Up to 12" Wide; 5/8" to 1" Thick. Cuts 1/2" Standard Dovetails and Rabbet Dovetails.

Model 5008—Assembly required. Includes Template, Model 48016 Finger Template, Operating manual and Assembly Instructions.

ACCESSORIES

No. 42183 Dovetail Accessory Kit. Includes: 43640 1/2" Dovetail Bit, 42027 Router Template Guide and 42237 Nut.

No. 48016 Finger Template. For 1/2" dovetails.

No. 48029 Finger Template. For 1/2" rabbet dovetails only.

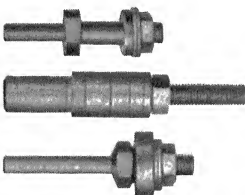
No. 42027 Router Template Guide. For 1/2" dovetails

No. 43640 1/2" H. S. Bit.

No. 43705 1/2" Carbide Bit.

No. 48021 Finger Template. For 1/4" dovetails.

SPINDLES, ARBORS, ADAPTERS, BUSHINGS, GUIDES, COLLARS AND PILOTS FOR USE WITH ROUTER BITS, CUTTERS AND TRIMMERS



Spindles. For use with shaper cutters. Each equipped with necessary collars and nuts (5/8"-24 thread).

| Model No. | Shank Dia. In. | Length In. | Thread In. | Spindle Capacity In. |
|-----------|----------------|------------|------------|----------------------|
| 42195 | 1/4 | 13 1/2 | 5/8 | 3/4 |
| 43032 | 3/8 | 17 1/2 | 5/8 | 3/4 |
| 42216 | 1/2 | 21 1/2 | 1 1/8 | 2 1/4 |
| 43741 | 1/4 | 19 1/2 | 5/8 | 1 1/8 |
| 43738 | 1/2 | 19 1/2 | 5/8 | 1 1/8 |



Arbors. For use with screw-type router bits (1/4"-28 thread).

| Model No. | Shank Dia. In. | Arbor Length In. |
|-----------|----------------|------------------|
| 43736 | 1/4 | 1 3/4 |
| 43274 | 3/8 | 1 1/2 |
| 43737 | 1/2 | 2 1/2 |

Shaper Collars.

| Model No. | Hole Dia. In. | Outside Dia. In. | Width In. |
|-----------|---------------|------------------|-----------|
| 42001 | 5/8 | 5/8 | 1/2 |
| 42004 | 5/8 | 5/8 | 3/4 |
| 42007 | 5/8 | 5/8 | 1 1/4 |
| 42014 | 5/8 | 5/8 | 3/8 |

Solid Pilots. For high speed steel router bits (1/4"-28 thread).



| Model No. | Diameter In. |
|-----------|--------------|
| 42201 | 3/8 |
| 42204 | 1/2 |
| 42207 | 5/8 |

Solid Pilots. For carbide screw-type router bits (#8-32 thread).



| Model No. | Diameter In. |
|-----------|--------------|
| 42142 | 1 1/2 |
| 42145 | 3/8 |

Ball Bearing.



| Model No. | Inside In. | Outside In. |
|-----------|------------|-------------|
| 43409 | 3/8 | 3/8 |
| 43401 | 3/8 | 1/2 |
| 43740 | 3/8 | 3/8 |

Templet Guides—For use in pattern and templet routing operations as listed.

| Model No. | Purpose | Inside Diam. | Outside Diam. |
|-----------|--------------------------------------|--------------|---------------|
| 42021 | Stair Routing (1 1/4" thick treads) | 1 1/2" | 1 1/4" |
| 42024 | Lock Face Routing | 2 1/2" | 3/4" |
| 42027 | 1/2" Dovetailing and General Routing | 1 1/2" | 7/8" |
| 42030 | General Routing | 2 1/2" | 1" |
| 42033 | General Routing | 1 1/2" | 1/2" |
| 42036 | General Routing | 3/4" | 3/4" |
| 42039 | Hinge Butt Routing | 3/4" | 2 1/2" |
| 42042 | Hinge Butt Routing | 3/4" | 1 1/8" |
| 42045 | For use with Stanley T-3 Templet | 1 1/2" | 3/8" |
| 42048 | For Hinges with 3/8" Corner Radius | 1 3/4" | 1 1/4" |
| 42054 | 1/4" Dovetailing | 3/4" | 5/8" |
| 45101 | Stair Routing (1 1/8" thick treads) | 1 3/4" | 1 1/8" |
| 45102 | Stair Routing (1" Thick Treads) | 1 3/4" | 1 1/8" |

No. 42237 Lock Nut. Used to attach all templet guides to router bases.

ACCESSORY EQUIPMENT

No. 26793 Carrying Case—Heavy gauge steel. Holds either Model 537, 536, 630, 670 or 690 Router and accessory parts.



No. 5043 — Magic Router Edge Guide—Easy to mount adjustable guides for accurate straight (or curved) edge planing; parallel grooving, dadoing or slotting operations. For Models 537, 536, 350, 150, 100, 630, 670 and 690 Routers plus all other Porter-Cable router models except the Model 514, for applications where critical accuracy and precision are required.

Standard Router Edge Guides

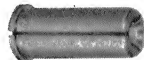
No. 39120—For Model 537

No. 42210—For Model 536.

No. 42225—For Model 514.

No. 42160—For old Models 350 and 150, and Models 100, 630, 670 and 690.

Adapters. To increase shank diameters to fit various diameter router collets.



| Model No. | Inside In. | Outside In. | Length In. |
|-----------|------------|-------------|------------|
| 42106 | 1/8 | 1/4 | 1 |
| 42115 | 3/8 | 1/2 | 1 1/8 |
| 42127 | 1/4 | 1/2 | 1 1/4 |
| 42130 | 3/8 | 1/2 | 1 1/4 |
| 42133 | 3/8 | 1/2 | 1 1/4 |

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Santa Clara 95050
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Phone: (408) 727-9790

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3039 Teagarden Street
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Tampa 33609
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Phone: (813) 877-9585

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2440-0 Veterans Memorial Blvd.
Phone: (504) 469-7363

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Phone: (301) 483-3100

Hyattsville 20781
4811 Kenilworth Avenue
Phone: (301) 779-8080

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Phone: (617) 782-1700

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Southfield 48075 (Detroit)
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ONE YEAR WARRANTY

Porter-Cable warrants its Professional Power Tools for a period of one year from the date of original purchase. We will repair or replace at our option, any part or parts of the product and accessories covered under this warranty which examination proves to be defective in workmanship or material during the warranty period. For repair or replacement return the complete tool or accessory, transportation prepaid, to your nearest Porter-Cable Service Center or Authorized Service Station as listed under "TOOLS-ELECTRIC" in the Yellow Pages of your telephone directory. Proof of purchase may be required. This warranty does not apply to repair or replacement required due to misuse, abuse, normal wear and tear or repairs attempted or made by other than our Service Centers or Authorized Service Stations.

To obtain information on warranty performance please write to: PORTER-CABLE CORPORATION, Youngs Crossing At Highway 45, P.O. BOX 2468, Jackson, Tennessee 38301; Attention: Product Service. The foregoing obligation is Porter-Cable's sole liability under this or any implied warranty and under no circumstances shall Porter-Cable be liable for any incidental or consequential damages. Some states do not allow limitations on how long an implied warranty lasts on the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

This warranty gives you specific legal rights and you may also have other legal rights which vary from state to state.